

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

21.1757-C-DIV

APPLICATION NO.

09/149,216

FIRST NAMED INVENTOR

Yu MINAKUCHI et al.

FILING DATE

September 8, 1998

GROUP ART UNIT

REFERENCES CITED BY APPLICANT

OCT 05 1999 (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	CLASS	FILING DATE
A.M.	AA	5,347,628	09/1994	Brewer et al.	Group 2700	
	AB					
	AC					
	AD					
	AE					
	AF					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AG	3-222033	10-07-91	Japan		X
A.M.	AH	1-314321	12-19-99	Japan		X
	AI					
	AJ					
	AK					
	AL					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	
AN	
AO	

EXAMINER

A.M. [Signature]

DATE CONSIDERED

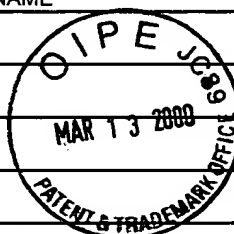
11/5/01

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
A.M	AA	4,954,967	09/990	Takahashi			
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Group 2700

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
A.M	AG	0 404 373	12/1990	European Patent Office			X	
A.M	AH	0 279 652	08/1988	European Patent Office			X	
A.M	AI	0 448 496	09/1991	European Patent Office			X	
A.M	AJ	0 314 395	05/1989	European Patent Office			X	
	AK							
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	PATENT ABSTRACTS OF JAPAN, Vol. 012, no. 497 (P-806), 26 December 1988 & JP 63 206827 A., 26 August 1988.
	AN	
	AO	

EXAMINER <i>Amie M. S. J. M.</i>	DATE CONSIDERED 1/5/01
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	PATENT ABSTRACTS OF JAPAN, vol. 011, no. 383 (P-646), 15 December 1987 of JP 62-150477 A (Canon, Inc.), July 4, 1987).
AM	AN	"Virtual Integrated Mouse" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 30, no. 10, March 1988, pages 398-401, XP002129895 IBM Corp. New York, US.
	AO	

EXAMINER <i>Amc Wgpr</i>	DATE CONSIDERED 1/5/01
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
A-M	AG	62-150477	07/1987	Japan			X
A-M	AH	63-206827	08/1988	Japan			X
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	AJ						
	AK						
	AL						

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